APDatec 81

Multilayer compressed air hose made of PVC with highly tear-resistant Polyester fabric

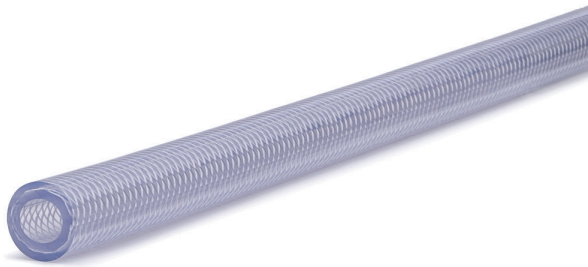
Applications compressed air, compressors, food production & -conveying, printing machines, water drain

Structure soft PVC, uncolored, transparent, cross braid

Temperature -20°C up to 65°C

Properties good flexibility, good tensile strength, ultimate elongation, crush-resistant, high pressure resistance, very smooth inside, smooth outside, phthalate-free

Norms material according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C | certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C







made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Total Weight per Piece (kg)	Length (m)	Article Number
4	10,00	3,00	15	28,00	84,00	0,08000	4,00	50	81 004 30 50
5	11,00	3,00	18	28,00	84,00	0,09600	4,80	50	81 005 30 50
6	11,00	2,50	25	25,00	75,00	0,08500	4,25	50	81 006 25 50
6	12,00	3,00	25	25,00	75,00	0,10800	2,70	25	81 006 30 25
6	12,00	3,00	25	25,00	75,00	0,10800	5,40	50	81 006 30 50
8	14,00	3,00	30	24,00	72,00	0,12600	6,30	50	81 008 30 50
9	15,00	3,00	35	22,00	66,00	0,13800	3,45	25	81 009 30 25
9	15,00	3,00	35	22,00	66,00	0,13800	6,90	50	81 009 30 50
9	14,00	2,50	30	22,00	66,00	0,11500	5,75	50	81 009 25 50
9	15,00	3,00	35	22,00	66,00	0,13800	13,80	100	81 009 30 00
10	16,00	3,00	40	21,00	63,00	0,15600	15,60	100	81 010 30 00
10	16,00	3,00	40	21,00	63,00	0,15600	3,90	25	81 010 30 25
10	16,00	3,00	40	21,00	63,00	0,15600	7,80	50	81 010 30 50
12	18,00	3,00	55	17,00	51,00	0,18000	9,00	50	81 012 30 50
12	21,00	4,50	55	17,00	51,00	0,29700	14,85	50	81 012 45 50
13	19,00	3,00	70	15,00	45,00	0,19200	9,60	50	81 013 30 50
13	20,00	3,50	72	16,00	48,00	0,23120	5,78	25	81 013 35 25
13	20,00	3,50	72	16,00	48,00	0,23100	11,55	50	81 013 35 50
15	21,00	3,00	75	15,00	45,00	0,21600	10,80	50	81 015 30 50
16	23,00	3,50	75	15,00	45,00	0,27300	13,65	50	81 016 35 50
16	24,00	4,00	75	15,00	45,00	0,32080	16,04	50	81 016 40 50
19	25,00	3,00	125	10,00	30,00	0,25400	12,70	50	81 019 30 50

Ocono Ruhrkunststoff GmbH | Weseler Str. 35 | 45478 Mülheim an der Ruhr | Germany | T +49 208 99910 | rk@ocono.com

All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Total Weight per Piece (kg)	Length (m)	Article Number
19	26,00	3,50	130	10,00	30,00	0,31520	7,88	25	81 019 35 25
19	26,00	3,50	130	10,00	30,00	0,31500	15,75	50	81 019 35 50
19	27,00	4,00	130	11,00	33,00	0,36800	9,20	25	81 019 40 25
19	27,00	4,00	130	11,00	33,00	0,36800	18,40	50	81 019 40 50
25	34,00	4,50	220	8,00	24,00	0,53100	26,55	50	81 025 45 50
25	33,00	4,00	200	9,00	27,00	0,46400	11,60	25	81 025 40 25
25	33,00	4,00	200	9,00	27,00	0,46400	23,20	50	81 025 40 50
25	34,00	4,50	220	8,00	24,00	0,53120	13,28	25	81 025 45 25
30	38,00	4,00	250	7,00	21,00	0,54400	13,60	25	81 030 40 25
30	38,00	4,00	250	7,00	21,00	0,54400	27,20	50	81 030 40 50
32	42,00	5,00	310	8,00	24,00	0,74000	18,50	25	81 032 50 25
32	42,00	5,00	310	8,00	24,00	0,74000	37,00	50	81 032 50 50
37,00	25,00	6,00	240	7,00	21,00	0,71500	35,75	50	81 025 60 50
38	48,00	5,00	420	6,00	18,00	0,86000	21,50	25	81 038 50 25
38	48,00	5,00	420	6,00	18,00	0,86000	43,00	50	81 038 50 50
45	55,00	5,00	550	4,00	12,00	1,00000	25,00	25	81 045 50 25
50	60,00	5,00	650	4,00	12,00	1,10000	27,50	25	81 050 50 25
50	60,00	5,00	650	4,00	12,00	1,10000	55,00	50	81 050 50 50

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